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	U	ITILITY			y Docket No.		6-245; 10			2
PATENT APPLICATION			N	First Inv	First Inventor		omeier, Thomas J.		₃ J.	9.6
	TRAN	NSMITTAL		Title	····	Expans	ion Devi	ce wi	ith Low	
(Only for	r new nonprovision	al applications under 37 CF	R 1.53(b))	Express	Mail Label No.	EV 221	1421993	US		22886 U
See MPEF		TION ELEMENTS erning utility patent applicati	ion contents.	ADDR	ESS TO:	Commiss P.O. Box	Patent App sioner for Pa 1450 ia VA 2231	atents	•	228
1.  Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 13] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed)					<ol> <li>CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</li> <li>Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)         <ul> <li>Computer Readable Form (CRF)</li> <li>Specification Sequence Listing on:</li></ul></li></ol>					
- Clair					ACCOMPAN	YING A	PPLICA	TIO	N PARTS	
Abstract of the Disclosure  Drawing(s) (35 U.S.C. 113) [Total Sheets				9. V 10. 11. 12. 13. 14. V 15. 16. 17. V	10. 37 CFR 3.73(b) Statement					
18. If a CONT specification fo	INUING APPLICATION IN INC. IN	ATION, check appropria or in an Application Data	ite box, and si a Sheet under	upply the requ 37 CFR 1.76	uisite information 3:	n below an	d in the fir	st se	ntence of the	
Continuation Divisional Continuation-in-part (CIP) of prior application No.:										
Prior application information:  Examiner  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.										
			CORRESPO							
Custon	mer Number:	02	26096		OR [	Corres	spondence	e add	ress below	
Name	David J. Gas	skey								
Carlson Gaskey & Olds, P.C.										
400 West Maple Road, Suite 350										
Country	Birmingham			State MI			Zip Co		48009	
		s of America			248-988-836		Fax	`	248-988-83	363
Name (Print/Ty	(pe) David	Gaskey)		Registrati	ion No. (Attorne)	y/Agent)	37,139			
Signature	15/1						Date	10/2	28/2003	

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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** 

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Complete if Known					
Application Number	Herewith				
Filing Date	Herewith				
First Named Inventor	Dobmeier, et al.				
Examiner Name					
Art Unit					
Attorney Docket No.	60.246-245: 10.754				

Attorney Docket No.   00,246-245, 10,754							
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
Check Credit card Money Other None	3. ADDITIONAL FEES						
Deposit Account:	Large Entity   Small Entity						
Deposit 00 0007	Fee Fee Code (\$) Fee Description						
Account U3-0835	1051 130 2051 65 Surcharge - late filing fee or oath						
Deposit Account Carrier	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet						
Name The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification						
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination						
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to						
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after						
to the above-identified deposit account.	Examiner action						
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month						
1. BASIC FILING FEE	1252 420 2252 210 Extension for reply within second month						
Large Entity Small Entity	1253 950 2253 475 Extension for reply within third month						
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1,480 2254 740 Extension for reply within fourth month						
1001 770 2001 385 Utility filing fee	1255 2,010 2255 1,005 Extension for reply within fifth month						
1002 340 2002 170 Design filing fee 770.00	1401 330 2401 165 Notice of Appeal						
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal						
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing						
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding						
SUBTOTAL (1) (\$) 770.00	1452 110 2452 55 Petition to revive - unavoidable						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,330 2453 665 Petition to revive - unintentional						
Fee from	1501 1,330 2501 665 Utility issue fee (or reissue)						
Extra Claims below Fee Paid  Total Claims 18 -20** = X = 0.00	1502 480 2502 240 Design issue fee						
Independent 3 000	1503 640 2503 320 Plant issue fee						
Claims 3 - 3** = X = 0.00   Multiple Dependent	1460 130 1460 130 Petitions to the Commissioner						
· ·	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)						
Large Entity   Small Entity Fee Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt						
Code (\$) Code (\$)  1202 18 2202 9 Claims in excess of 20	8021 40 8021 40 Recording each patent assignment per property (times number of properties) 40.00						
1201 86 2201 43 Independent claims in excess of 3	1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))						
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be						
1204 86 2204 43 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b))  1801 770 2801 385 Request for Continued Examination (RCE)						
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application						
	Other fee (specify)						
SUBTOTAL (2) (\$) 0.00	*Poduced by Posic Filing For Poid						
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00							

SUBMITTED BY				(Complete (	(if applicable))
Name (Print/Type)	David J. Gaskey	Registration No. (Attorney/Agent)	37,139	Telephone	248-988-8360
Signature	7707			Date	10/28/2003

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## UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Dobmeier, et al.

Serial No.:

Herewith

Filed:

Herewith

Title:

EXPANSION DEVICE WITH LOW

REFRIGERANT CHARGE MONITORING

## **EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number: EV 221421993 US

Date of Deposit:

October 28, 2003

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